

APPENDIX D

Total Mission Requirement (TMR) Codes

(For use in preparing Naval Aircraft Flight Records, Chapter 10)

D.1 NAVAL AIRCRAFT/SIMULATOR FLIGHT CLASSIFICATION SYSTEM

D.1.1 Primary Source. The TMR codes set forth in this appendix supersede the flight purpose codes (FPCs) of previous editions. TMR codes cover a full range of flight operations from training (including simulators) to combat. The TMR code is developed from a three-character code matrix with the first character representing the flight purpose, the second character representing the general purpose, and the third character representing the specific purpose. The definition of assigned TMR codes is outlined below. This instruction is the primary source of TMR codes and all personnel using these codes shall be made aware of the existence of this source. The naval aircraft flight record, OPNAV 3710/4, provides space to document as many as three missions and their associated times for one flight.

D.1.2 Deviation. No variations from the classifications specified herein are to be made without CNO (N78) approval.

D.2 APPLICABILITY OF THE TOTAL MISSION REQUIREMENT CODES

TMR codes apply to all flight personnel, aircraft, and approved simulators. They should reflect the primary purpose for the flight regardless of varying purposes particular individuals have for being aboard.

D.3 CLASSIFICATION OF TOTAL MISSION REQUIREMENT CODES

D.3.1 Purpose of Flight. The purpose of flight by naval aviators/naval aircraft or approved simulators shall be described by a three-character code in the following sequence:

- a. The first position of the TMR is the FPC and denotes the type of operation.

- (1) Training Flights conducted for the purpose of training (both individual and as a crew) to maintain or improve the readiness of the activity to perform its assigned mission.
- (2) Support Services. Flights conducted in support of an assigned mission including tests, logistics, search and rescue, troop transports, etc., either independently or as part of a squadron function.
- (3) Operations. Navy flights conducted in support of operational tasking not specifically designated as contingency operations.
- (4) FMF Operations. Marine flights conducted as part of an exercise while deployed with a battle group or task force.
- (5) Contingency Flights. Flights conducted in support of contingency operations as delineated by the type commander.
- (6) Combat Flights. Combat flights shall be used only for aircraft and by units specifically designated by competent authority as being in combat status. This rule shall be strictly followed even though a combatant incident did occur or was likely to occur on the flight (i.e., fired upon by unfriendly forces, search for or detection of unfriendly submarine, flight over or near areas where it is prudent to anticipate hostile action against the aircraft, etc.).
- (7) Exercise Flights. Flights conducted as part of an authorized fleet exercise as designated by the battle group or type commander.

- b. The second position of the TMR is the GPC and denotes the general purpose of the flight. GPCs N and O will be used to document aborts and/or cancellations and may be used with FPCs 1 through 7.

- (1) FPC 1 only GPCs of A through I, P, or R can be used.
 - (2) FPC 2 must be used with GPCs of J through R.
 - (3) FPCs 3 through 7 must be used with GPCs S through Z.
- c. The third position of the TMR is the specific purpose code (SPC) and denotes the specific purpose of the flight.

D.4 GENERAL/SPECIFIC PURPOSE OF FLIGHT CODE COMBINATIONS A THROUGH I (TRAINING FLIGHTS)

D.4.1 General Purpose Codes. GPCs for training flights (A through I) are used as follows:

- a. Use code A if the flight is for training, exercises, or simulated operations conducted by a fleet/Fleet Marine Force (FMF)/air reserve squadron or unit (nontraining command) to which the pilot is attached when such flight maintains or advances the ability of the squadron or unit to perform the mission for which organized. May be used for flights by training command personnel that do not properly fall under codes C through I.
- b. Use code B if flight is for syllabus training of a designated naval aviator undergoing formal instructor training (IUT).
- c. Use code C within air commands for pilots assigned thereto when locally imposed requirements for a particular kind of flying are necessary to prepare for satisfactory performance within the command.

Note

When a pilot flies with a squadron or other unit whose primary mission is carried out by the flight of aircraft, he/she may consider himself/herself an integral part of that unit. If he/she makes a flight that maintains or advances the ability or readiness of the unit to perform its assigned mission, the purpose of the flight is unit training (code A), and the effect on individual proficiency is irrelevant.

- d. Use code D, E, F, or G for flights by Navy and Marine Corps aircrew attached to units of CNA-TRA (excluding reserves) and Fleet Replacement Squadrons as required or provided by training command training syllabus.

- (1) Use code D if flight is for syllabus training of a student naval aviator undergoing formal training to become a designated naval aviator.

- (2) Use code E if flight is for syllabus training of a designated naval aviator undergoing formal refresher training.

- (3) Use code F if flight is for syllabus training of a designated naval aviator when the purpose of the flight does not support a formal training syllabus (i.e., standardization evaluations, instrument checks, or attaining minimum annual flying requirements).

- (4) Use code G if flight is for special training (including crew training) for completion of a nonpilot training syllabus (i.e., NFO, AI, midshipmen, student flight surgeon training).

- e. Use code H or I for training of nonnaval personnel.

- (1) Use code H if flight is for the purpose of training, familiarization, or proficiency of personnel of other services of the United States (i.e., Air Force, Army, Coast Guard).

- (2) Use code I if flight is for the purpose of training, familiarization, or proficiency of personnel of foreign countries.

D.4.2 Specific Purpose Codes. SPCs to be used with GPCs A through I are listed below. Codes A through I must always be followed by one of the number codes listed below, selecting the code denoting the primary type of training (if syllabus flight, the most advanced requirement being met; if nonsyllabus flight, that on which most effort was spent). In any case, the character following codes A through I shall always refer to the following list:

1 — Fundamentals — Familiarization, aerobatics, formation, cross-country, navigation, etc.

2 — Instrument — General instrument or all-weather, when principal objective of flight.

- 3 — Field carrier landing practice.
- 4 — Carrier qualification.
- 5 — Transition Jet, VP, VR, helicopter, etc.
- 6 — Air combat intercept, fighter escort, air-to-air gunnery, etc.
- 7 — Attack — Surface targets; bomb, rocket, torpedo, etc.; non-USW.
- 8 — Antisubmarine — Patrol, search, escort, attack, minelaying, etc.
- 9 — Special equipment — AEW, ECM, AMCM, photo, etc.
- 10 — Unsatisfactory syllabus.

D.5 GENERAL/SPECIFIC PURPOSE OF FLIGHT CODE COMBINATIONS J THROUGH R (SERVICE FLIGHTS)

D.5.1 SPCs To Be Used With GPCs J and K for Service Flights

- J1 — Those ferry flights funded from the fleet ferry fund managed by the respective TYCOM. Reporting custodians shall ascertain from the controlling custodian under what circumstances the flight categories apply.
- J2 — Those ferry flights funded from other sources (i.e., unit operating budgets, allotments, etc.).
- K1 — Those functional checkflights funded from the fleet ferry fund managed by the respective TYCOM. Reporting custodians shall ascertain from the controlling custodian under what circumstances the flight categories apply.
- K2 — Those functional checkflights funded from other sources (i.e., unit operating budgets, allotments, etc.).
- K3 — Functional checkflight observer.
- K4 — Bogey in support of other aircraft.
- K5 — Bogey in support of ground units.

- K6 — Bogey in support of ship operations.
- K7 — Flying qualities or performance evaluation of aircraft.
- K8 Accelerated service test or propulsion system evaluation.
- K9 — Navigation, weapons, or electronic warfare evaluation.
- K0 — Carrier suitability or dynamic interface evaluation.

D.5.2 GPCs L, M, N, and O for Service Flights

- a. Code L (Experimental/Evaluation) Experimental, developmental, or evaluation flights of aircraft, its equipment, or an individual (i.e., NATOPS check).
 - L1 — Operational test and evaluation (OT&E).
 - L2 — Operational readiness inspection (ORI).
 - L3 — Instrument check.
 - L4 — NATOPS check.
 - L5 — Instructor standardization, test pilot training, or qualification evaluation.
 - L6 — Special weapons evaluation.
 - L7 — Ordnance separation, conventional, or nuclear weapon evaluation.
 - L8 — Drone support or target towing.
 - L9 — Aircraft or survival system evaluation.
 - L0 — Project support or other.
- b. Code M (Logistics Support) Use code M if flight is for the purpose of logistics support as follows:
 - M1 — MAG/CVW commitment: A logistics flight in support of the MAG/CVW.
 - M2 — MAW/functional/typewriting commitment: A logistics flight scheduled for support of the wing.
 - M3 — NAS/MCAS commitment: A logistics flight in support of the air station.

M4 — FMF/CINC commitment: Flights flown in support of FMF/CINC units.

M5 — CMC/CNO commitment: Flights flown in support of CMC/CNO schools or units.

M6 — TYCOM/division commitment: Flights flown in support of the type commander or of a Marine division.

- c. Code N (Maintenance) Use code N to document aborts or cancellations for maintenance reasons.

N1 — Engine or fuel system.

N2 — Hydraulics, flight controls, or airframe.

N3 — Avionics, communication.

N4 — Avionics, NAVAID.

N5 — Avionics, radar/systems.

N6 — Avionics, electronics/instruments.

N7 — Ordnance system.

N8 — Wingman's aircraft down.

N9 — Support equipment.

N0 — Safety of flight (initiated by higher authority, usually by message).

- d. Code O (Operations) Use code O to document aborts or cancellations initiated by operations.

O1 — Weather.

O2 — Mission canceled by higher authority.

O3 — Mission canceled by supported or requesting unit.

O4 — Targets or range not available.

O5 — Required airfield services or navigational facilities not available (tacan, carrier, mirror, etc.).

O6 — Controlled airspace not available.

O7 — Required crewman incapacitated/unavailable.

O8 — Aircraft accident.

O9 — Mission canceled by projects.

D.5.3 SPCs Used With GPC P. SPCs to be used with GPC P for all search and/or rescue (includes any flight, scheduled or unscheduled, in support of a search and/or rescue effort) or medical evacuation (includes any flight, scheduled or unscheduled, providing evacuation or other transport of hospitalized and/or medically stabilized personnel) flights are listed as follows:

P1 — Search and/or rescue flight conducted over water in support of military personnel.

P2 — Search and/or rescue flight conducted over land in support of military personnel.

P3 — Search and/or rescue flight conducted over water in support of non-DOD personnel.

P4 — Search and/or rescue flight conducted over land in support of non-DOD personnel.

P5 — Medical evacuation flown in support of military personnel.

P6 — Medical evacuation flown in support of non-DOD personnel.

P7 — Search and/or rescue flight into, out of, or over an area where enemy fire is received or can reasonably be expected.

P8 — Search and/or rescue flight into, out of, or over an area over water where enemy fire is received or can reasonably be expected.

P9 — Search and/or rescue flight into, out of, or over an area over land where enemy fire is received or can reasonably be expected.

P0 — Search and/or rescue training.

D.5.4 SPCs Used With GPC Q. SPCs to be used with GPC Q for miscellaneous nontraining service flights are listed as follows:

Q1 — Aerological (including combat weather reconnaissance).

Q2 — Noncombat patrol or search (other than survivor search, rescue, weather).

Q3 — Noncombat photography or radar mapping.

Q4 — Air shows and demonstrations not classified as tactical exercises.

Q5 — Noncombat, nontraining flights not elsewhere classified.

Q6 — Noncombat, nontraining air refueling flights.

Q7 — AEW flights (carrier-based or land-based) in support of either fleet tactical exercises or fleet operations.

Q8 — Pathfinder flights.

Q9 — Drug interdiction flights.

D.5.5 SPCs Used With GPC R. SPCs to be used with GPC R for transport/troop support are as follows:

- a. Logistics transport flights include transportation of military or civilian personnel (other than at points of contact with enemy or in training exercises) as incident to change in location of duty or civil employment or to the transfer of entire units as well as transport of cargo or mail (including guard mail with or without couriers) for other than troop support purposes. If the flight is required for any of the foregoing uses, it is a logistics transport flight even if it also served an administrative transport purpose.

R1 — Regularly scheduled flight for the purpose of transporting cargo, personnel (except hospitalized patients), or mail, as set forth above, whether anything was transported or not.

R2 — Special flight, not regularly scheduled, to transport cargo, personnel (except hospitalized patients), or mail, as set forth above.

- b. Administrative transport flights include transportation of military or civilian personnel for inspection, conference, instruction, or other official business involving no PCS, and for other authorized purposes of a similar nature, whether or not under travel or temporary duty orders.

R3 — Special flight, not regularly scheduled, to provide administrative transport for the pilot or other persons aboard, and that would not be made were it not for the administrative purpose alone.

- c. Troop support flights include transportation of troops and other personnel (including battle casualties) to or from points of contact with enemy as well as rescue of personnel or transport of liaison personnel to or from engaged units. Transport of cargo under equivalent circumstances also falls in this specific purpose category.

R4 — Troop lift into, out of, or over an area where enemy fire is received or can reasonably be expected.

R5 — Liaison flight into, out of, or over an area where enemy fire is received or can reasonably be expected.

R6 — Logistics flight into, out of, or over an area where enemy fire is received or can reasonably be expected.

D.6 GENERAL/SPECIFIC PURPOSE OF FLIGHT CODE COMBINATIONS S THROUGH Z (COMBAT FLIGHTS)

- a. GPCs S through Z will be used with FPCs 3 through 7 (noted in paragraph D.3). When in combat status, FPC 6 will be used with GPCs S through Z and will be the only TMR code entered for the flight.

- b. SPCs to be used with GPC S for attacks on ground or surface targets designated by air support control:

S1 — Targets assigned before takeoff.

S2 — Targets assigned after takeoff.

S3 — Provision of illumination for attack of targets.

S9 — Escort or cover for above (VF or VFA not assigned to attack).

- c. SPCs to be used with GPC T for attacks on ground or surface targets (excluding submarine and aircraft) not designated by air support control:

T1 — Targets assigned before takeoff.

T2 — Targets of opportunity: armed reconnaissance.

T3 — Provision of illumination for attack of targets.

T4 — Flak suppression.

T5 — Surface-to-air missile suppression.

T6 — Minelaying (all types).

T7 — Aerial refueling tanker supporting combat operations.

T8 — ECM support for attack operations against ground or surface targets.

T9 — Escort to cover for above (VF or VFA not assigned to attack).

d. SPCs to be used with GPC U for antiair warfare offensive missions (primary objective aircraft; any other target secondary):

U1 — Fighter sweeps, intruder missions, night airfield heckling.

U2 — Combat air patrol over enemy airfields or other targets.

U3 — Offensive diversion and deception missions (other than attack sweep or intruder).

U4 — ECM support for attack operations against aircraft targets.

U5 — AMCM mine neutralization/mine sweep.

U8 — Escort or cover of Air Force bombers.

U9 — Escort or cover of transport aircraft.

e. SPCs to be used with GPC V for reconnaissance missions (except armed reconnaissance and USW search):

V1 — Photographic reconnaissance.

V2 — Radar and ECM reconnaissance, radar mapping, etc.

V3 — Gunfire spotting, air support controller, and other visual reconnaissance of enemy areas. Exclude weather (Q1) and survivor search (P).

V4 — AMCM mine search/mine hunting.

V9 — Escort or cover for reconnaissance aircraft.

f. SPCs to be used with GPC W for air defense of own air base (carrier force or land base) from which aircraft departs:

W1 — AEW or airborne CIC and its escort or cover.

W2 — Combat air patrol, local or advanced.

W7 — Intercept (scramble).

g. SPCs to be used with GPC X for air defense of other forces or bases:

X1 — AEW or airborne CIC and its escort or cover.

X2 — Special combat air patrol to protect radar picket or aircraft.

X7 — Intercept (scramble).

h. SPCs to be used with GPC Y for offensive ASW missions:

Y1 — Routine sector or area search.

Y2 — Barrier patrol.

Y3 — Offensive search.

Y4 — Holddown of located submarine.

Y5 — Attack on located submarine.

Y6 — Locate and attack submarine.

Y9 — Attack submarine facilities (including operational bases, shipyard, or other logistical facilities, etc.).

i. SPCs to be used with GPC Z for defensive ASW missions:

Z1 — Protection of own force underway (by aircraft based on ships of same force).

Z2 — Escort of vessels not in own force (by ship-based or land-based aircraft).

Z4 — Defensive patrol of harbor or other limited area.

Note

Generally, the distinction between offensive ASW (Y codes) and defensive ASW (Z codes) is the primary mission of the force involved. If it is not primarily an ASW force, the ASW conducted to protect itself from attack by submarine is defensive ASW. But if it is primarily an ASW force (primary mission is ASW), all the ASW it conducts is offensive, including ASW conducted to protect itself.

D.7 CURRENTLY ASSIGNED TOTAL MISSION REQUIREMENT CODES

The currently assigned TMR codes are listed below with the description that will be displayed on the NAVFLIRS monthly reports.

TMR CODE	DESCRIPTION
1A1	TRNG SYL/EXC F/FN
1A2	TRNG SYL/EXC INST
1A3	TRNG SYL/EXC FCLP/CAL
1A4	TRNG SYL/EXC CQ
1A5	TRNG SYL/EXC TRANS
1A6	TRNG SYL/EXC AIR CMBT
1A7	TRNG SYL/EXC ATCK
1A8	TRNG SYL/EXC ASW
1A9	TRNG SYL/EXC SP EQUIP
1A0	TRNG SYL/EXC UNSAT FLT
1B1	TRNG IUT F/F/N
1B2	TRNG IUT INST
1B3	TRNG IUT FCLP/CAL
1B4	TRNG IUT CQ
1B5	TRNG IUT TRANS
1B6	TRNG IUT AIR CMBT
1B7	TRNG IUT ATCK

TMR CODE	DESCRIPTION
1B8	TRNG IUT ASW
1B9	TRNG IUT SP EQUIP
1B0	TRNG IUT UNSAT FLT
1C1	TRNG NAV F/F/N
1C2	TRNG NAV INST
1C3	TRNG NAV FCLP/CAL
1C4	TRNG NAV CQ
1C5	TRNG NAV TRANS
1C6	TRNG NAV AIR CMBT
1C7	TRNG NAV ATCK
1C8	TRNG NAV ASW
1C9	TRNG NAV SP EQUIP
1C0	TRNG NAV UNSAT FLT
1D1	TRNG STU/AV F/F/N
1D2	TRNG STU/AV INST
1D3	TRNG STU/AV FCLP/CAL
1D4	TRNG STU/AV CQ
1D5	TRNG STU/AV TRANS
1D6	TRNG STU/AV AIR CMBT
1D7	TRNG STU/AV ATCK
1D8	TRNG STU/AV ASW
1D9	TRNG STU/AV SP EQUIP
1D0	TRNG STU/AV UNSAT FLT
1E1	TRNG NAV REF SYL F/F/N
1E2	TRNG NAV REF SYL INST
1E3	TRNG NAV REF SYL FCLP/CAL
1E4	TRNG NAV REF SYL CQ
1E5	TRNG NAV REF SYL TRANS
1E6	TRNG NAV REF SYL AIR CMBT
1E7	TRNG NAV REF SYL ATCK
1E8	TRNG NAV REF SYL ASW
1E9	TRNG NAV REF SYL SP EQUIP
1E0	TRNG NAV REF SYL UNSAT FLT
1F1	TRNG NAV N-SYL F/F/N
1F2	TRNG NAV N-SYL INST

TMR CODE	DESCRIPTION
1F3	TRNG NAV N-SYL FCLP/CAL
1F4	TRNG NAV N-SYL CQ
1F5	TRNG NAV N-SYL TRANS
1F6	TRNG NAV N-SYL AIR CMBT
1F7	TRNG NAV N-SYL ATCK
1F8	TRNG NAV N-SYL ASW
1F9	TRNG NAV N-SYL SP EQUIP
1F0	TRNG NAV N-SYL UNSAT FLT
1G1	TRNG NFO N-SYL F/F/N
1G2	TRNG NFO N-SYL INST
1G3	TRNG NFO N-SYL FCLP/CAL
1G4	TRNG NFO N-SYL CQ
1G5	TRNG NFO N-SYL TRANS
1G6	TRNG NFO N-SYL AIR CMBT
1G7	TRNG NFO N-SYL ATCK
1G8	TRNG NFO N-SYL ASW
1G9	TRNG NFO N-SYL SP EQUIP
1G0	TRNG NFO N-SYL UNSAT FLT
1H1	TRNG OT US MIL F/F/N
1H2	TRNG OT US MIL INST
1H3	TRNG OT US MIL FCLP/CAL
1H4	TRNG OT US MIL CQ
1H5	TRNG OT US MIL TRANS
1H6	TRNG OT US MIL AIR CMBT
1H7	TRNG OT US MIL ATCK
1H8	TRNG OT US MIL ASW
1H9	TRNG OT US MIL SP EQUIP
1H0	TRNG OT US MIL UNSAT FLT
1I1	TRNG FRGN F/F/N
1I2	TRNG FRGN INST
1I3	TRNG FRGN FCLP/CAL
1I4	TRNG FRGN CQ
1I5	TRNG FRGN TRANS
1I6	TRNG FRGN AIR CMBT
1I7	TRNG FRGN ATCK

TMR CODE	DESCRIPTION
1I8	TRNG FRGN ASW
1I9	TRNG FRGN SP EQUIP
1I0	TRNG FRGN UNSAT FLT
1N1	TRNG C/A MAINT ENG/FUEL
1N2	TRNG C/A MAINT HYD/FRAME
1N3	TRNG C/A MAINT RADIOS
1N4	TRNG C/A MAINT NAVAID
1N5	TRNG C/A MAINT RAD/SYS
1N6	TRNG C/A MAINT ELEC/INST
1N7	TRNG C/A MAINT ORDNANCE
1N8	TRNG C/A MAINT WGMAN DOWN
1N9	TRNG C/A MAINT SUPT EQUIP
1N0	TRNG C/A MAINT SAFETY
1O1	TRNG C/A OPS WEATHER
1O2	TRNG C/A OPS HIGHER AUTH
1O3	TRNG C/A OPS SUPT UNIT
1O4	TRNG C/A OPS NO TGT
1O5	TRNG C/A OPS FAC DOWN
1O6	TRNG C/A OPS AIR SPACE
1O7	TRNG C/A OPS NO CREW
1O8	TRNG C/A OPS ACCIDENT
1P1	TRNG SAR/WATER MIL SUPT
1P2	TRNG SAR/LAND MIL SUPT
1P3	TRNG SAR/WATER N-DOD
1P4	TRNG SAR/LAND N-DOD
1P5	TRNG SAR/MEDEVAC MIL SUPT
1P6	TRNG SAR/MEDEVAC N-DOD
1P7	TRNG SAR/MEDEVAC LAND CMBT
1P8	TRNG SAR/WATER CMBT
1P9	TRNG SAR/LAND CMBT
1P0	TRNG SAR
1R4	TRNG TRANS TRP IN/OUT CMBT
1R5	TRNG TRANS LSN IN/OUT CMBT
1R6	TRNG TRANS LOG IN/OUT CMBT

TMR CODE	DESCRIPTION
2J1	SUPT FERRY FLEET FUND
2J2	SUPT FERRY SQDN FUND
2K1	SUPT TEST FLEET FUND
2K2	SUPT TEST SQDN FUND
2K3	SUPT TEST OBS/CHASE TGT
2K4	SUPT BOGEY FOR OT ACFT
2K5	SUPT BOGEY FOR GND UNIT
2K6	SUPT BOGEY FOR SHIP OPS
2K7	SUPT FLY QUAL/PERF EVAL
2K8	SUPT ACCEL SERV/PROP EVAL
2K9	SUPT NAV/WEAP/EW EVAL
2K0	SUPT CARR SUIT/DYN EVAL
2L1	SUPT EXPM/EVAL OT&E
2L2	SUPT EXPM/EVAL ORI
2L3	SUPT EXPM/EVAL INST CHECK
2L4	SUPT EXPM/EVAL NATOPS
2L5	SUPT EXPM/EVAL STANDARD
2L6	SUPT EXPM/EVAL SP WEAPONS
2L7	SUPT ORD/CONV/NUC EVAL
2L8	SUPT DRONE/TGT TOW
2L9	SUPT ACFT/SURV SYS EVAL
2L0	SUPT PROJECT/OTHER
2M1	LOG SUPT MAG/CAG
2M2	LOG SUPT MAW/FUNCT WING
2M3	LOG SUPT NAS/MCAS
2M4	LOG SUPT FMF/CINC
2M5	LOG SUPT CMC/CNO
2M6	LOG SUPT TYCOM/MARDIV
2N1	SUPT C/A MAINT ENG/FUEL
2N2	SUPT C/A MAINT HYD/FRAME
2N3	SUPT C/A MAINT RADIOS
2N4	SUPT C/A MAINT NAVAID
2N5	SUPT C/A MAINT RAD/SYS
2N6	SUPT C/A MAINT ELEC/INST
2N7	SUPT C/A MAINT ORDNANCE

TMR CODE	DESCRIPTION
2N8	SUPT C/A MAINT WGMAN DOWN
2N9	SUPT C/A MAINT SUPT EQUIP
2N0	SUPT C/A MAINT SAFETY
2O1	SUPT C/A OPS WEATHER
2O2	SUPT C/A OPS HIGHER AUTH
2O3	SUPT C/A OPS SUPT UNIT
2O4	SUPT C/A OPS NO TGT
2O5	SUPT C/A OPS FAC DOWN
2O6	SUPT C/A OPS AIR SPACE
2O7	SUPT C/A OPS NO CREW
2O8	SUPT C/A OPS ACCIDENT
2O9	SUPT C/A OPS PROJECTS
2P1	SUPT SAR/WATER MIL SUPT
2P2	SUPT SAR/LAND MIL SUPT
2P3	SUPT SAR/WATER N-DOD
2P4	SUPT SAR/LAND N-DOD
2P5	SUPT SAR/MEDEVAC MIL SUPT
2P6	SUPT SAR/MEDEVAC N-DOD
2P7	SUPT SAR/MEDEVAC LAND CMBT
2P8	SUPT SAR/WATER CMBT
2P9	SUPT SAR/LAND CMBT
2P0	SUPT SAR TRNG
2Q1	SUPT MISC AEROLOGICAL
2Q2	SUPT MISC N-CMBT PAT
2Q3	SUPT MISC N-CMBT PH/RD MAP
2Q4	SUPT MISC AIR SHOW/DEMO
2Q5	SUPT MISC N-CMBT/TRNG
2Q6	SUPT MISC N-CMBT REFUEL
2Q7	SUPT MISC AEW TACT OPS
2Q8	SUPT MISC PATHFINDER
2Q9	SUPT MISC DRUG RUN
2R1	SUPT TRANS TRP SCH
2R2	SUPT TRANS TRP N-SCH
2R3	SUPT TRANS TRP N-SCH ADMIN
2R4	SUPT TRANS TRP IN/OUT CMBT

TMR CODE	DESCRIPTION
2R5	SUPT TRANS LSN IN/OUT CMBT
2R6	SUPT TRANS LOG IN/OUT CMBT
3N1	BGO C/A MAINT ENG/FUEL
3N2	BGO C/A MAINT HYD/FRAME
3N3	BGO C/A MAINT RADIOS
3N4	BGO C/A MAINT NAVAID
3N5	BGO C/A MAINT RAD/SYS
3N6	BGO C/A MAINT ELEC/INST
3N7	BGO C/A MAINT ORDNANCE
3N8	BGO C/A MAINT WGMAN DOWN
3N9	BGO C/A MAINT SUPT EQUIP
3N0	BGO C/A MAINT SAFETY
3O1	BGO C/A OPS WEATHER
3O2	BGO C/A OPS HIGHER AUTH
3O3	BGO C/A OPS SUPT UNIT
3O4	BGO C/A OPS NO TGT
3O5	BGO C/A OPS FAC DOWN
3O6	BGO C/A OPS AIR SPACE
3O7	BGO C/A OPS NO CREW
3O8	BGO C/A OPS ACCIDENT
3S1	BGO DES GND ATCK BEF T/O
3S2	BGO DES GND ATCK AFT T/O
3S3	BGO DES ILLUM TGT
3S9	BGO DES ESC/COV NO ATCK
3T1	BGO N-DES GND ATCK BEF T/O
3T2	BGO N-DES TGT OPP RECON
3T3	BGO N-DES ILLUM TGT
3T4	BGO N-DES FLACK SUPPRESS
3T5	BGO N-DES MISSILE SUPPRESS
3T6	BGO N-DES MINELAYING
3T7	BGO N-DES REFUEL CMBT OPS
3T8	BGO N-DES ECM SUPT GND TGT
3T9	BGO N-DES ESC/COV NO ATCK
3U1	BGO AWO FIGHTER SWEEPS
3U2	BGO AWO CMBT AIR PAT

TMR CODE	DESCRIPTION
3U3	BGO AWO DEF DIVER/DECEPT
3U4	BGO AWO ECM SUPT FROM ACFT
3U5	BGO AWO AMCM NEUT/SWEEP
3U8	BGO AWO ESC USAF BOMBERS
3U9	BGO AWO ESC/COV TRANS
3V1	BGO RECON PHOTO
3V2	BGO RECON RAD/ECM
3V3	BGO RECON GUNFIRE SPOT
3V4	BGO RECON AMCM SEARCH
3V9	BGO RECON ESC/COV ACFT
3W1	BGO DEF HOME AEW/CIC
3W2	BGO DEF HOME CMBT AIR CONT
3W7	BGO DEF HOME INTERCEPTT
3X1	BGO DEF OT AEW/CIC
3X2	BGO DEF OT PROT RAD ACFT
3X7	BGO DEF OT INTERCEPTT
3Y1	BGO OFF ASW ROUTE SEARCH
3Y2	BGO OFF ASW BARRIER PAT
3Y3	BGO OFF ASW OFF SEARCH
3Y4	BGO OFF ASW HOLDDOWN SUB
3Y5	BGO OFF ASW ATCK SUB
3Y6	BGO OFF ASW LOC/ATCK SUB
3Y9	BGO OFF ASW ATCK SUB FAC
3Z1	BGO DEF ASW PROT FORCE
3Z2	BGO DEF ASW ESC SHIPS
3Z4	BGO DEF ASW DEF HARBOR
4N1	FMF C/A MAINT ENG/FUEL
4N2	FMF C/A MAINT HYD/FRAME
4N3	FMF C/A MAINT RADIOS
4N4	FMF C/A MAINT NAVAID
4N5	FMF C/A MAINT RAD/SYS
4N6	FMF C/A MAINT ELEC/INST
4N7	FMF C/A MAINT ORDNANCE
4N8	FMF C/A MAINT WGMAN DOWN

TMR CODE	DESCRIPTION
4N9	FMF C/A MAINT SUPT EQUIP
4N0	FMF C/A MAINT SAFETY
4O1	FMF C/A OPS WEATHER
4O2	FMF C/A OPS HIGHER AUTH
4O3	FMF C/A OPS SUPT UNIT
4O4	FMF C/A OPS NO TGT
4O5	FMF C/A OPS FAC DOWN
4O6	FMF C/A OPS AIR SPACE
4O7	FMF C/A OPS NO CREW
4O8	FMF C/A OPS ACCIDENT
4S1	FMF DES GND ATCK BEF T/O
4S2	FMF DES GND ATCK AFT T/O
4S3	FMF DES ILLUM TGT
4S9	FMF DES ESC/COV NO ATCK
4T1	FMF N-DES GND ATCK BEF T/O
4T2	FMF N-DES TGT OPP RECON
4T3	FMF N-DES ILLUM TGT
4T4	FMF N-DES FLACK SUPPRESS
4T5	FMF N-DES MISSILE SUPPRESS
4T6	FMF N-DES MINELAYING
4T7	FMF N-DES REFUEL CMBT OPS
4T8	FMF N-DES ECM SUPT TGT
4T9	FMF N-DES ESC/COV NO ATCK
4U1	FMF AWO FIGHTER SWEEPS
4U2	FMF AWO CMBT AIR PAT
4U3	FMF AWO DEF DIVER/DECEPT
4U4	FMF AWO ECM SUPT FROM ACFT
4U5	FMF AWO AMCM NEUT/SWEEP
4U8	FMF AWO ESC USAF BOMBERS
4U9	FMF AWO ESC/COV TRANS
4V1	FMF RECON PHOTO
4V2	FMF RECON RAD/ECM
4V3	FMF RECON GUNFIRE SPOT
4V4	FMF RECON AMCM SEARCH

TMR CODE	DESCRIPTION
4V9	FMF RECON ESC/COV
4W1	FMF DEF HOME AEW/CIC
4W2	FMF DEF HOME CMBT AIR CONT
4W7	FMF DEF HOME INTERCEPTT
4X1	FMF DEF OT AEW/CIC
4X2	FMF DEF OT PROT RAD ACFT
4X7	FMF DEF OT INTERCEPT
4Y1	FMF OFF ASW ROUT SEARCH
4Y2	FMF OFF ASW BARRIER PAT
4Y3	FMF OFF ASW OFF SEARCH
4Y4	FMF OFF ASW HOLD DOWN SUB
4Y5	FMF OFF ASW ATCK SUB
4Y6	FMF OFF ASW LOC/ATCK SUB
4Y9	FMF OFF ASW ATCK SUB FAC
4Z1	FMF DEF ASW PROT FORCE
4Z2	FMF DEF ASW ESC SHIPS
4Z4	FMF DEF ASW DEF HARBOR
5N1	CONT C/A MAINT ENG/FUEL
5N2	CONT C/A MAINT HYD/FRAME
5N3	CONT C/A MAINT RADIOS
5N4	CONT C/A MAINT NAVAIID
5N5	CONT C/A MAINT RAD/SYS
5N6	CONT C/A MAINT ELEC/INST
5N7	CONT C/A MAINT ORDNANCE
5N8	CONT C/A MAINT WGMAN DOWN
5N9	CONT C/A MAINT SUPT EQUIP
5N0	CONT C/A MAINT SAFETY
5O1	CONT C/A OPS WEATHER
5O2	CONT C/A OPS HIGHER AUTH
5O3	CONT C/A OPS SUPT UNIT
5O4	CONT C/A OPS NO TGT
5O5	CONT C/A OPS FAC DOWN
5O6	CONT C/A OPS AIR SPACE
5O7	CONT C/A OPS NO CREW

TMR CODE	DESCRIPTION
5O8	CONT C/A OPS ACCIDENT
5S1	CONT DES GND ATCK BEF T/O
5S2	CONT DES GND ATCK AFT T/O
5S3	CONT DES ILLUM TGT
5S9	CONT DES ESC/COV NO ATC
5T1	CONT N-DES ATCK BEF T/O
5T2	CONT N-DES TGT OPP RECON
5T3	CONT N-DES ILLUM TGT
5T4	CONT N-DES FLACK SUPPRESS
5T5	CONT N-DES MISSILE SUPPRESS
5T6	CONT N-DES MINELAYING
5T7	CONT N-DES REFUEL CMBT OPS
5T8	CONT N-DES ECM SUPT TGT
5T9	CONT N-DES ESC/COV NO ATCK
5U1	CONT AWO FIGHTER SWEEPS
5U2	CONT AWO CMBT AIR PAT
5U3	CONT AWO DEF DIVER/DECEPT
5U4	CONT AWO ECM SUPT ACFT
5U5	CONT AWOAMCM NEUT/SWEEP
5U8	CONT AWO ESC USAF BOMBERS
5U9	CONT AWO ESC/COV TRANS
5V1	CONT RECON PHOTO
5V2	CONT RECON RAD/ECM
5V3	CONT RECON GUNFIRE SPOT
5V4	CONT RECON AMCM SEARCH
5V9	CONT RECON ESC/COV ACFT
5W1	CONT DEF HOME AEW/CIC
5W2	CONT DEF HOME CMBT AIR CON
5W7	CONT DEF HOME INTERCEPT
5X1	CONT DEF OT AEW/CIC
5X2	CONT DEF OT PROT RAD ACFT
5X7	CONT DEF OT INTERCEPT
5Y1	CONT OFF ASW ROUT SEARCH
5Y2	CONT OFF ASW BARRIER PAT
5Y3	CONT OFF ASW OFF SEARCH

TMR CODE	DESCRIPTION
5Y4	CONT OFF ASW HOLDDOWN SUB
5Y5	CONT OFF ASW ATTACK SUB
5Y6	CONT OFF ASW LOC/ATCK SUB
5Y9	CONT OFF ASW ATCK SUB FAC
5Z1	CONT DEF ASW PROT FORCE
5Z2	CONT DEF ASW ESC SHIPS
5Z4	CONT DEF ASW DEF HARBOR
6N1	CMBT C/A MAINT ENG/FUEL
6N2	CMBT C/A MAINT HYD/FRAME
6N3	CMBT C/A MAINT RADIOS
6N4	CMBT C/A MAINT NAVAID
6N5	CMBT C/A MAINT RAD/SYS
6N6	CMBT C/A MAINT ELEC/INST
6N7	CMBT C/A MAINT ORDNANCE
6N8	CMBT C/A MAINT WGMAN DOWN
6N9	CMBT C/A MAINT SUPT EQUIP
6N0	CMBT C/A MAINT SAFETY
6O1	CMBT C/A OPS WEATHER
6O2	CMBT C/A OPS HIGHER AUTH
6O3	CMBT C/A OPSSUPT UNIT
6O4	CMBT C/A OPS NO TGT
6O5	CMBT C/A OPS FAC DOWN
6O6	CMBT C/A OPS AIRSPACE
6O7	CMBT C/A OPS NO CREW
6O8	CMBT C/A OPS ACCIDENT
6S1	CMBT DES GND ATCK BEF T/O
6S2	CMBT DES GND ATCK AFT T/O
6S3	CMBT DES ILLUM TGT
6S9	CMBT DES ESC/COV NO ATCK
6T1	CMBT N-DES ATCK BEF T/O
6T2	CMBT N-DES TGT OPP RECON
6T3	CMBT N-DES ILLUM TGT
6T4	CMBT N-DES FLACK SUPPRESS
6T5	CMBT N-DES MISSILE SUPPRESS

TMR CODE	DESCRIPTION
6T7	CMBT N-DES REFUEL CMBT OPS
6T8	CMBT N-DES ECM SUPT TGT
6T9	CMBT N-DES ESC/COV NO ATCK
6U1	CMBT AWO FIGHTER SWEEPS
6U2	CMBT AWO AIR PAT
6U3	CMBT AWO DEF DIVER/DECEPT
6U4	CMBT AWO ECM SUPT
6U5	CMBT AWO AMCM NEUT/SWEEP
6U8	CMBT AWO ESC USAF BOMBERS
6U9	CMBT AWO ESC/COV TRANS
6V1	CMBT RECON PHOTO
6V2	CMBT RECON RAD/ECM
6V3	CMBT RECON GUNFIRE SPOT
6V4	CMBT RECON AMCM SEARCH
6V9	CMBT RECON ESC/COV ACFT
6W1	COMBT DEF HOME AEW/CIC
6W2	CMBT DEF HOME CMBT AIR CON
6W7	CMBT DEF HOME INTERCEPT
6X1	CMBT DEF OT AEW/CIC
6X2	CMBT DEF OT PROT RAD ACFT
6X7	CMBT DEF OT INTERCEPT
6Y1	CMBT OFF ASW ROUT SEARCH
6Y2	CMBT OFF ASW BARRIER PAT
6Y3	CMBT OFF ASW OFF SEARCH
6Y4	CMBT OFF ASW HOLD DOWN SUB DOWN SUB
6Y5	CMBT OFF ASW ATCK SUB
6Y6	CMBT OFF ASW LOC/ATCK SUB
6Y9	CMBT OFF ASW ATCK SUB FAC
6Z1	CMBT DEF ASW PROT FORCE
6Z2	CMBT DEF ASW ESC SHIPS
6Z4	CMBT DEF ASW DEF HARBOR
7N1	EXER C/A MAINT ENG/FUEL
7N2	EXER C/A MAINT HYD/FRAME
7N3	EXER C/A MAINT RADIOS

TMR CODE	DESCRIPTION
7N4	EXER C/A MAINT NAVAID
7N5	EXER C/A MAINT RAD/SYS
7N6	EXER C/A MAINT ELEC/INST
7N7	EXER C/A MAINT ORDNANCE
7N9	EXER C/A MAINT SUPT EQUIP
7N0	EXER C/A MAINT SAFETY
7O1	EXER C/A OPS WEATHER
7O2	EXER C/A OPS HIGHER AUTH
7O3	EXER C/A OPS SUPT UNIT
7O4	EXER C/A OPS NO TGT
7O5	EXER C/A OPS FAC DOWN
7O6	EXER C/A OPS AIR SPACE
7O7	EXER C/A OPS NO CREW
7O8	EXER C/A OPS ACCIDENT
7S1	EXER DES GND ATCK BEF T/O
7S2	EXER DES GND ATCK AFT T/O
7S3	EXER DES ILLUM TGT
7S9	EXER DES ESC/COV NO ATCK
7T1	EXER N-DES ATCK BEF T/O
7T2	EXER N-DES TGT OPP RECON
7T3	EXER N-DES ILLUM TGT
7T4	EXER N-DES FLACK SUPPRESS
7T5	EXER N-DES MISSILE SUPPRESS
7T6	EXER N-DES MINELAYING
7T7	EXER N-DES REFUEL CMBT OPS
7T8	EXER N-DES ECM SUPT TGT
7T9	EXER N-DES ESC/COV NO ATCK
7U1	EXER AWO FIGHTER SWEEPS
7U2	EXER AWO AIR PAT
7U3	EXER AWO DEF DIVER/DECEPT
7U4	EXER AWO ECM SUPT
7U5	EXER AWO AMCM NEUT/SWEEP
7U8	EXER AWO ESC USAF BOMBERS
7U9	EXER AWO ESC/COV TRANS
7V1	EXER RECON PHOTO

TMR CODE	DESCRIPTION
7V2	EXER RECON RAD/ECM
7V3	EXER RECON GUNFIRE SPOT
7V4	EXER RECON AMCM SEARCH
7V9	EXER RECON ESC/COV ACFT
7W1	EXER DEF HOME AEW/CIC
7W2	EXER DEF HOME CMBT AIR CON
7W7	EXER DEF HOME INTERCEPTT
7X2	EXER DEF OT PROT RAD ACFT
7X7	EXER DEF OT INTERCEPTT
7Y1	EXER OFF ASW ROUT SEARCH

TMR CODE	DESCRIPTION
7Y2	EXER OFF ASW BARRIER PAT
7Y3	EXER OFF ASW OFF SEARCH
7Y4	EXER OFF ASW HOLD DOWN SUB DOWN SUB
7Y5	EXER OFF ASW ATCK SUB
7Y6	EXER OFF ASW LOC/ATCK SUB
7Y9	EXER OFF ASW ATCK SUB FAC
7Z1	EXER DEF ASW PROT FORCE
7Z2	EXER DEF ASW ESC SHIPS
7Z4	EXER DEF ASW DEF HARBOR